

LED Streetlight



TIS SLL220/NB

Application

Streetlight is designed to illuminate residences, streets, access roads, parking lots, highways, expressways, industrial areas, etc.

Specification

Luminaire

Housing	Die-cast aluminium
Front Cover	Clear toughened glass
Description	Wise NB is IoT system to manage and increase capability of luminaires by NB-IoT technology that will provide smart solution with real-time remote control and monitoring, light up and dimming, group set up, time setting, data analysis and alarm system.
Finishing	Powder coated in grey
Lens	Acrylic (PMMA)
Gasket	Silicone rubber
Dimension	250x431x243 mm.
Mounting	Side entry pole or bracket arm with OD 60x120 mm. spigot

Power	55/70/105W
Light Source	LED Module
Colour Temperature	4000/5700K
Luminaire Output	55W : 7700 lm 70W : 9800 lm 105W : 13650 lm

Beam Angle	Street lighting distribution : SL10 Forward throw distribution : FW5
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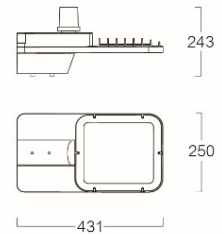
Control Gear	Built-in driver
Power Supply	220-240VAC, 50Hz
Power Factor	>0.95
THDi	<10%
Insulation Class	I
IP Rating	66
Ambient Temp.	-20C to 50C
Luminaire Lifetime	50,000 hrs.
Equivalent	55W : MV 125W 70W : HPS 150W 105W : HPS 250W

Lamp Controller unit

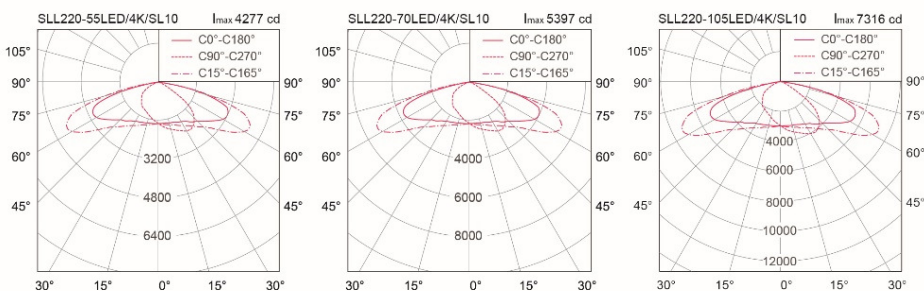
Housing	Polycarbonate
Mounting	NEMA socket (ANSI C136.41)
Measurement	input current, input voltage input power, power factor
Protection	1kV surge

IoT Connectivity

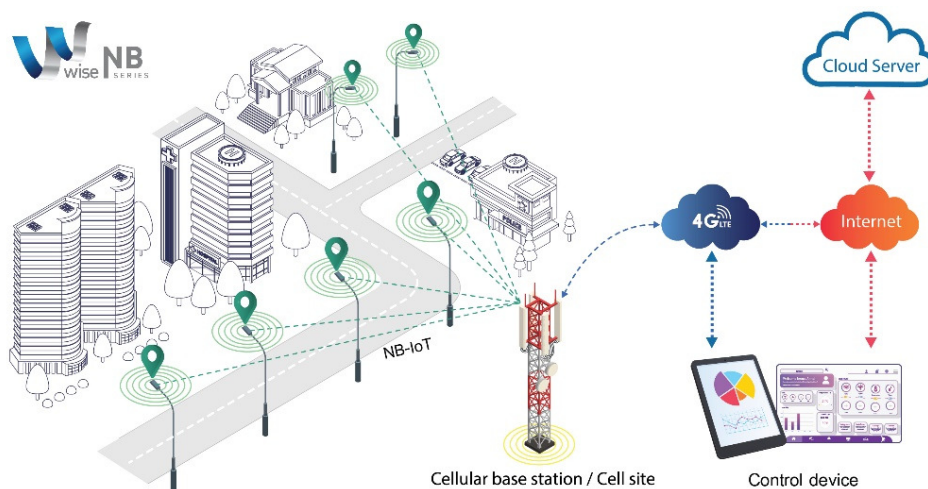
Network Interface	NB-IoT
Network Frequency	900MHz



Photometric Data



NB-IoT Network Connection Diagram



Ordering Data

Model	Luminaire model	IoT system	Luminaire watt	Lamp controller watt	Total watt
SLL220/NB-55LED	SLL220-55LED	Wise NB	55W	2W	57W
SLL220/NB-70LED	SLL220-70LED	Wise NB	70W	2W	72W
SLL220/NB-105LED	SLL220-105LED	Wise NB	105W	2W	107W